

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (original). A method for detecting a target sequence comprising a first and second target domain in a sample, said method comprising:

a) hybridizing said target sequence to a precircle probe to form a first hybridization complex, said precircle probe comprising:

- i) a first targeting domain;
- ii) a second targeting domain;
- iii) at least a first universal priming site; and
- iv) a cleavage site;

wherein said first and second targeting domains hybridize to said first and second target domains;

- b) contacting said first hybridization complex with a ligase to form a closed circular probe;
- c) cleaving said closed circular probe at said cleavage site to form a cleaved probe;
- d) amplifying said cleaved probe to form a plurality of amplicons; and
- e) detecting said amplicons to detect the presence of said target sequence in said sample.

Claims 2 - 47 (canceled).